

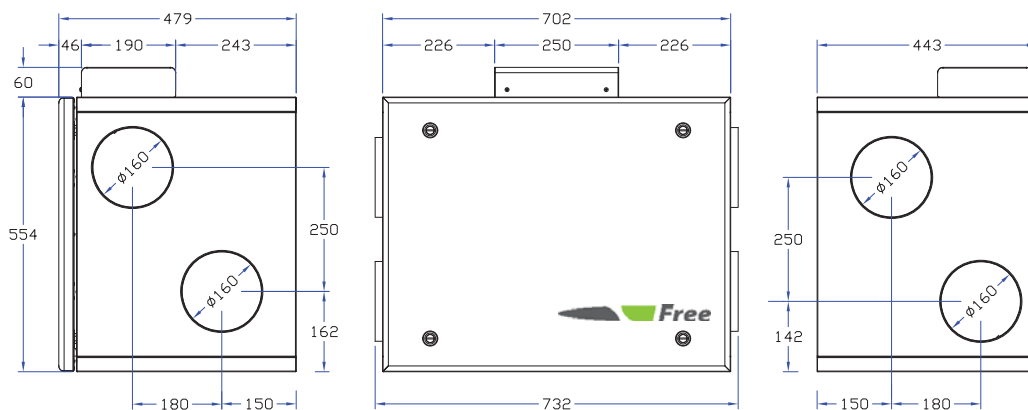
Free H90

Full-function energy recovery air handling unit with integrated control system.
Optimized for high efficiency, low noise, easy installation and use.

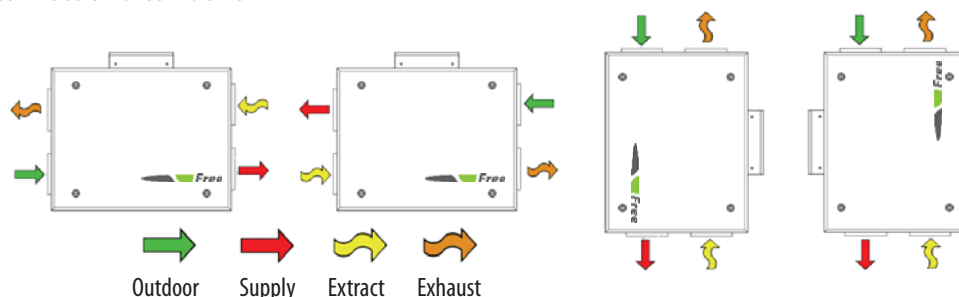


- Fresh, healthy and clean indoor climate 365 days per year
- Recovers and saves energy for both heating and cooling, effective cost reduction
- Compact size and low noise, saves space and wider choice of placement
- Easy to install and use with smart unique Comfort panel
- Cooling and heating available as option, built in functions ready to be activated
- Suitable for domestic, boutiques, small offices or decentral ventilation
- Developed and manufactured in Sweden

Measures



Connection alternative



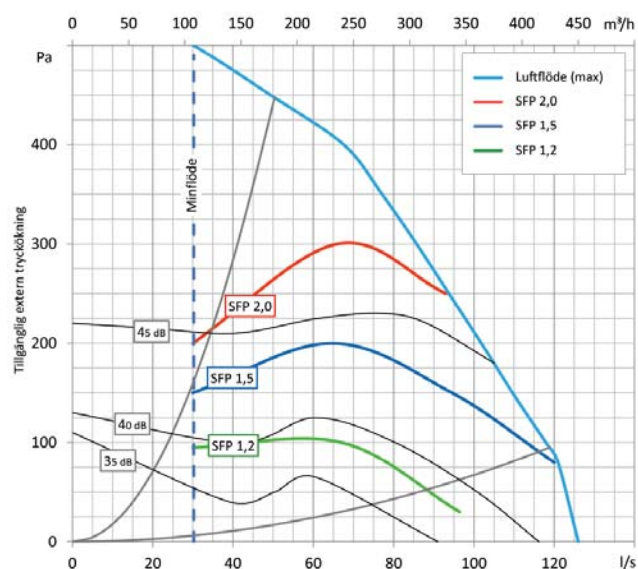
Low noise & discreet design makes it possible to install the units visible and near work & utility areas. Applications are smaller premises such as offices, day care centers, residential properties, shops, conference rooms, and the like. Well suited also for cooling and reheating. Controls are ready to activate and equipment for cooling and heating are available. Top connection where space is limited laterally.

Advantages

- One unit for all purposes
- Easy to add features & quick to install
- Minimal construction dimensions
- Easy to connect to duct and room for silencers and/or insulation
- Separate installer level in control system
- Easy to set up, precise and individual flow setting
- Adjustable Min & Max limit for flow and temp levels
- Smart Winter Adjustment Function, - No extra heating needed down to -20°C
- Remote Reduce exhaust, - Works with cooker hood & fireplace
- Demand control via external high / low speed
- Automatic energy saving mode via burglar alarm
- Automatic stop at the fire alarm
- External stop

Technical data	FREE-H90
Electrical supply	1~ 230V 50Hz
Fuse	10 A
Power total	230 W
Max load	1,8 A
Fan, type	B-wheel/EC-motor
Filterclass supply/exhaust	F7/F7
Filter size BxHxD	410x195x45 mm
Weight	55 kg
Duct connection	4x Ø160, muff
Recovery	Up to 89 %
Casing	White RAL9010
Korrosionsklass inv/utv	C3/C4
Leakage klass	L2
Connection cooker hood	No
Comfortpanel	Yes
Electrical heater	Optional 300W / 600W / 900W
Water heating coil (duct)	Optional
Water cooling coil (duct)	Optional
Exhaust air quality	+15/+40°C, Max 25% RH at -20° Out
Outdoor air quality	-20°C / 99% RH
Supply air	Adjustable +15/+25°C
Surrounding conditions unit	+5/+45°C max 80% RH
Surrounding conditions Comfortpanel	+10/+40°C max 80% RH
Sealing klass	IP21

Air flow diagram



Explanation to diagram:

- Blue line: Max airflow in relation to external pressure
- Blue stroked line: Min airflow in normal mode
- Grey line: Sound level db (A) to surroundings (calculated)
- Black line: Recommended work area max
- Green, Blue, Red line: SFP in relation to airflow and pressure

